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(54) Title  
**VARIABLE STOP LIGHT STRIP (SAFETY STRIP)**

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(57) Claim

1. A traffic safety device comprising a vehicle's rear stop light being a series of lights joined together which are illuminated by normal braking circuits.
2. The traffic safety device of claim 1 wherein the lights are connected electrically to a speed measuring device, so that when the braking circuit is activated the number of lights illuminated represents the speed of the vehicle.

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**ORIGINAL**  
**COMPLETE SPECIFICATION**  
**STANDARD PATENT**

VARIABLE STOP LIGHT STRIP (SAFETY STRIP)

Invention Title: VARIABLE STOP LIGHT STRIP  
(SAFETY STRIP)

The following statement is a full description of this invention, including the best method of performing it known to me:-

The invention is essentially a traffic safety device which may form part of any road using motor vehicle or be made as an attachment to any such vehicle.

The invention comprises a strip light being a series of lights or similar, that are activated by conventional braking mechanisms as well as being able to illuminate variably longitudinally, by rheostat switch or similar.

It is intended that the light be continuous across the rear of the vehicle with red lenses similar to existing stop lights and to that of the additional stop lights that have been positioned in the rear window of modern motor vehicles.

The principle of the invention is that the 'light' is connected electrically to the speedometer and brake system of the vehicle so that as the brake is applied the light will be activated, with normal braking systems. In addition, the speedometer will be connected via a relay to the circuit so as to activate via a rheostat switch or other similar electronic device thus indicating visually the speed of the vehicle during braking. This will be achieved by illumination of the number of globes in the

strip set to the speed being travelled. For example braking at 110 km/h will illuminate a small portion of strip. If however, rapid deceleration by braking is necessary, the strip will increase illumination from outside to inside, at the centre, from both direction, such that in deceleration to a stationary position the system will fully illuminate all the strip at standstill.

Rapid deceleration by braking will result in rapid illumination of the strip and maximum visual stimulation for the driver of the vehicle following.

The claims defining the invention are as follows:-

1. A traffic safety device comprising a vehicle's rear stop light being a series of lights joined together which are illuminated by normal braking circuits.
2. The traffic safety device of Claim 1 wherein the lights are connected electrically to a speed measuring device, so that when the braking circuit is activated the number of lights illuminated represents the speed of the vehicle.
3. The traffic safety device substantially as herein described with reference to the accompanying drawing.

DAVID LAVELL

(Name of Applicant)  
(BLOCK LETTERS)

16/10/92

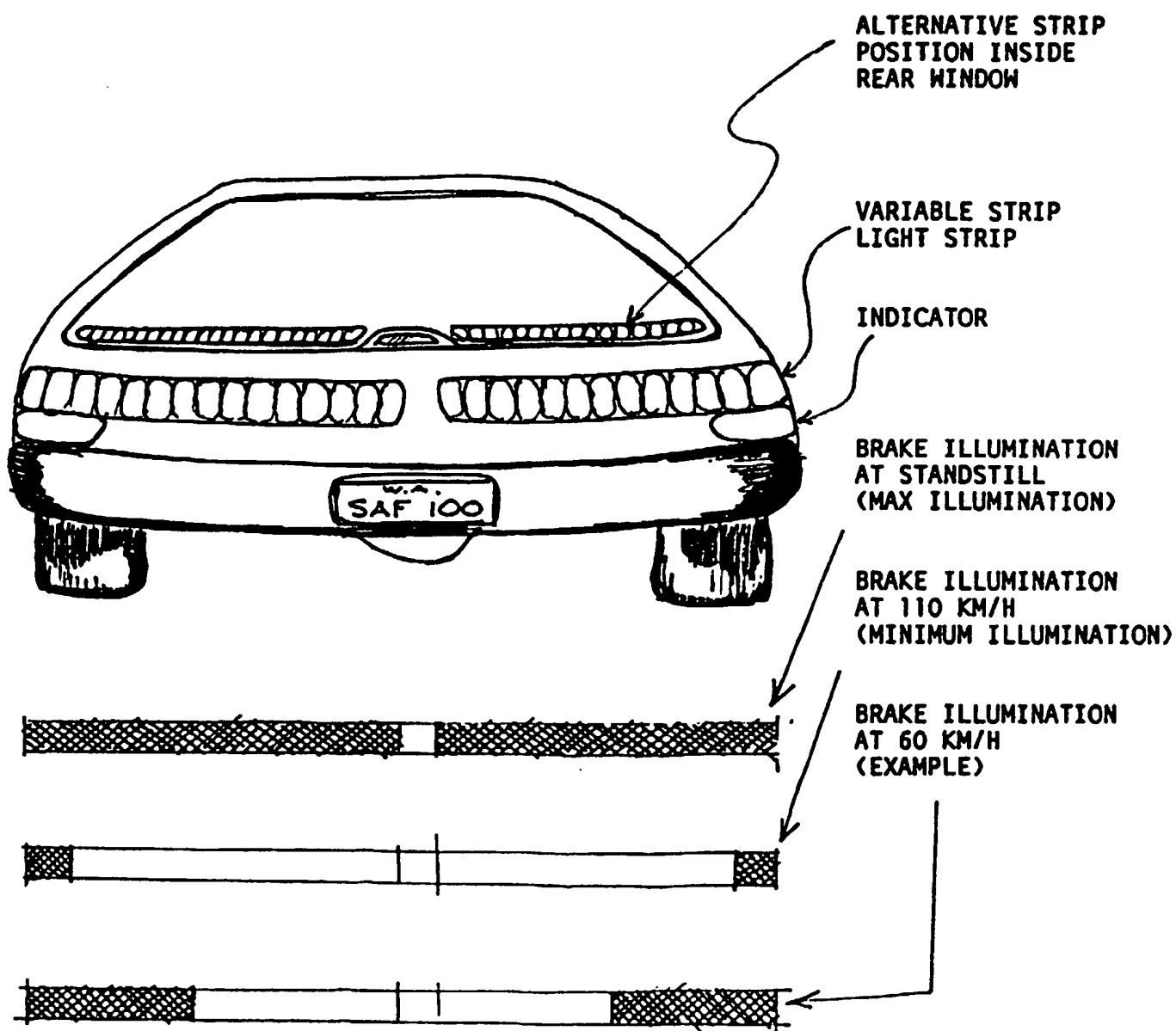
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\* Note: If there is insufficient space above to type the statement of claim, do not use this sheet, but use separate sheets of paper beginning with the words "The claims defining the invention are as follows:" and ending with the date and the name of the applicant in block letters.

27082/92

**THE INVENTION: VARIABLE STOP LIGHT STRIP (SAFETY STRIP)**

**PURPOSE:** A SAFETY DEVICE TO HELP REDUCE THE INCIDENCE  
OF REAR END COLLISIONS BETWEEN MOTOR  
VEHICLES.



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